

10/519122

## IN THE UNITED STATES RECEIVING OFFICE

Applicant : Gary A. Clawson et al.                      Art Unit : Unknown  
Serial No. : 10/519,122                                      Examiner : Unknown  
Filed : December 22, 2004  
Title : METHODS AND MATERIALS FOR TREATING HUMAN  
PAPILLOMAVIRUS INFECTIONS

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P.O. Box 1450  
Alexandria, VA 22313-1450

POWER OF ATTORNEY BY ASSIGNEE AND ELECTION OF  
ASSIGNEE TO CONDUCT PROSECUTION TO EXCLUSION OF INVENTORS

The undersigned, as authorized representative of the assignee of the entire right, title and interest in the above-identified application, hereby appoints:

Janis K. Fraser, Ph.D., J.D., Reg. No. 34,819  
Richard J. Anderson, Reg. No. 36,732  
J. Patrick Finn III, Ph.D., Reg. No. 44,109  
Mark S. Ellinger, Ph.D., Reg. No. 34,812  
John F. Hayden, Reg. No. 37,460

Dorothy P. Whelan, Reg. No. 33,814  
Ronald C. Lundquist, Ph.D., Reg. No. 37,875  
Teresa A. Lavoie, Ph.D., Reg. No. 42,782  
M. Angela Parsons, Ph.D., Reg. No. 44,282  
Elizabeth N. Kaytor, Ph.D., Reg. No. 53,103

as its attorney to prosecute the application and to transact all business in the Patent and Trademark Office connected therewith with full powers of substitution and revocation, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 CFR §3.71 *et seq.* of the Patent Office Rules of Practice.

Ownership is in the assignee by virtue of the assignment documents (copy attached). The documents evidencing ownership have been reviewed and to the best of the assignee's knowledge and belief, title is in the assignee.

## CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV602144304US

Date of Deposit

August 8, 2005

Applicant : Gary A. Clawson et al.  
Serial No. : 10/519,122  
Filed : December 22, 2004  
Page : 2 of 2

Attorney's Docket No.: 14017-008US1 /  
PSU 2002-2667

Please direct all communications regarding the application to the attorney at the address and telephone numbers indicated below.

Janis K. Fraser, Ph.D., J.D.  
FISH & RICHARDSON P.C.  
225 Franklin Street  
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Signature: Ronald J. Huss  
Typed name: Ronald J. Huss  
Title: Director Intellectual Property Office  
Assignee: The Penn State Research Foundation

### ASSIGNMENT

For valuable consideration, we, Gary A. Clawson, of 5709 Rockmere Drive, Bethesda, Maryland 20816; Wei-Hua Pan, of 907 Butler Court, Hummelstown, Pennsylvania 17036; Diane Thiboutot, of 823 Linden Road, Hershey, Pennsylvania 17033; Neil Christensen, of 6514 Liptak Road, Harrisburg, Pennsylvania 17112-3394; hereby assign to THE PENN STATE RESEARCH FOUNDATION, a corporation of the Commonwealth of Pennsylvania, having a place of business at 304 Old Main Street, University Park, Pennsylvania 16802, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHODS AND MATERIALS FOR TREATING HUMAN PAPILLOMAVIRUS INFECTIONS, filed December 22, 2004, and assigned U.S. Serial Number 10/519,122, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 7/18/05

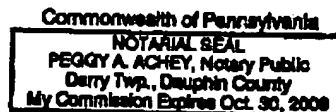
Gary A. Clawson  
GARY A. CLAWSON

STATE OF Pennsylvania )  
COUNTY OF Dauphin ) SS.

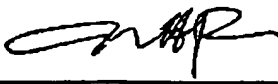
On July 18, 2005, before me, the undersigned, a notary public for the State of Pennsylvania, there personally appeared GARY A. CLAWSON, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Peggy A. Achey  
Notary Public



DATE: 7-7-05

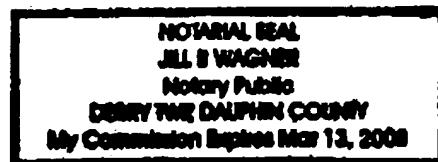
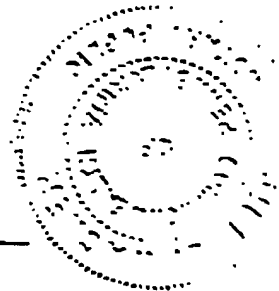
  
WEI-HUA PAN

STATE OF Pennsylvania  
COUNTY OF Dauphin } SS.

On July 7, 2005, before me, the undersigned, a notary public for the State of Pennsylvania there personally appeared WEI-HUA PAN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his (her) authorized capacity and that by his (her) signature on this Assignment, the person or the entity upon behalf of which he (she) acted, executed this Assignment.

WITNESS my hand and official seal.

  
Notary Public



DATE: 7-19-05

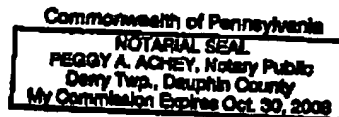
*Diane Thiboutot*  
DIANE THIBOUTOT

STATE OF Pennsylvania  
COUNTY OF Dauphin ) SS.

On July 18, 2005, before me, the undersigned, a notary public for the State of Pennsylvania, there personally appeared DIANE THIBOUTOT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.

*Peggy A. Achey*  
Notary Public



DATE: 7-18-05

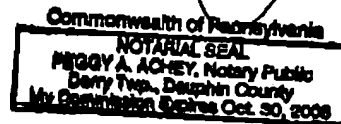
Neil S. Christensen  
NEIL CHRISTENSEN

STATE OF Pennsylvania  
COUNTY OF Dauphin } SS.

On July 18, 2005, before me, the undersigned, a notary public for the State of Pennsylvania, there personally appeared NEIL CHRISTENSEN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Meggy A. Achey  
Notary Public



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